

## ABSTRACT

- Methods apparatus and computer programs products for creating a
- 5 multimedia presentation having video frames and video segments with synchronized audio are disclosed. Audio-video data is separated into an audio stream and the video sequence. The video sequence is divided into video segments, with each video segment comprising a group of frames. For each video segment an audio significance measure is calculated using the
- 10 audio stream. Using the audio significance measure, the video segment is selected in its entirety or, alternatively, one or more slide frames are extracted from the corresponding group of frames. The selection of video segments or slide frames can also be performed on the basis of an additional video significance measure. The audio stream and selected video segment and
- 15 slide frames are synchronized, then synchronously reproduced as the multimedia presentation.

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